

Claims

- [c1] 1. A fan module comprising:
a housing having a mounting space, an air inlet and a corresponding air outlet, wherein the mounting space links the air inlet to the air outlet;
a fan installed inside the mounting space; and
a plurality of fins aligned in parallel and fitted inside the air outlet to divide the air outlet into a plurality of slots, wherein each of the slots has a width smaller than or equal to 1mm.
- [c2] 2. The fan module of claim 1, wherein the slots has a width between 0.8mm and 1mm.
- [c3] 3. The fan module of claim 1, wherein the longitudinal direction of the air outlet is parallel to the direction of alignment of the fins.
- [c4] 4. The fan module of claim 1, wherein the longitudinal direction of the air outlet is perpendicular to the longitudinal direction of the fins.
- [c5] 5. The fan module of claim 1, wherein the longitudinal direction of the air outlet is perpendicular to the direction of alignment of the fins.

- [c6] 6. The fan module of claim 1, wherein the longitudinal direction of the air outlet is parallel to the longitudinal direction of the fins.
- [c7] 7. The fan module of claim 1, wherein the housing further comprises a cover plate and a base plate with the air inlet formed on the cover plate, the air outlet formed by joining the cover plate and the base plate in integral and the fins attached to the cover plate.